

Lamination Plates



High quality lamination plates for the production of all types of ISO standard bank, credit and smartcards including contactless and combi cards.

Produced from steel, manufactured to a high standard and specification suitable for ISO card lamination.

The variety of card materials and thickness' has diversified so that the plates are required to work with a range of card types.

All steel is continuously inspected to strict acceptance criteria before being selected as suitable for further processing.

Available in a wide range of gloss, silk and matt finishes.

Surface finishes suitable for dye sublimation printing, magnetic stripe encoding, GSM cards and all types of smartcard including contactless and combi cards.

In-house lamination trials are conducted on an ongoing basis to ensure only the highest possible lamination quality is achieved.

Each lamination plate is processed with a protective PVC coating with 'light water-based tack' adhesive allowing ease of removal without leaving residue.

Multiple precision security image lamination plates are available to customer specification.



Lamination Plates

	Ultragloss 1	Ultragloss 2	Ultrasilk DS	ISO	Ultrasilk	Ultramatt
Bank Credit	✓	✓	✓	✓	-	-
Magnetic Stripe (ISO)	✓	✓	✓	✓	-	-
Commercial/Loyalty	✓	✓	✓	✓	✓	✓
Smart	✓	✓	✓	✓	-	-
GSM	✓	✓	✓	✓	✓	✓
Contactless	✓	✓	✓	✓	✓	✓

Technical Data

Size Tolerance

± 0.5mm.

Thickness

0.8 and 1.0mm ±5%.

Other thicknesses by agreement.

Squareness

1mm per 1m length.

Number of Cycles

Approximately 4,000 - 6,000 cycles dependant on control handling and use.

Surface Finish

Controlled to specific RA/Rz and reflective value to application or customer specification.

All Cardel lamination plates are shipped in high quality export cases to prevent transit damage.

Cardel Products are used daily throughout the global card industry and are produced to the highest standards for application in card production.